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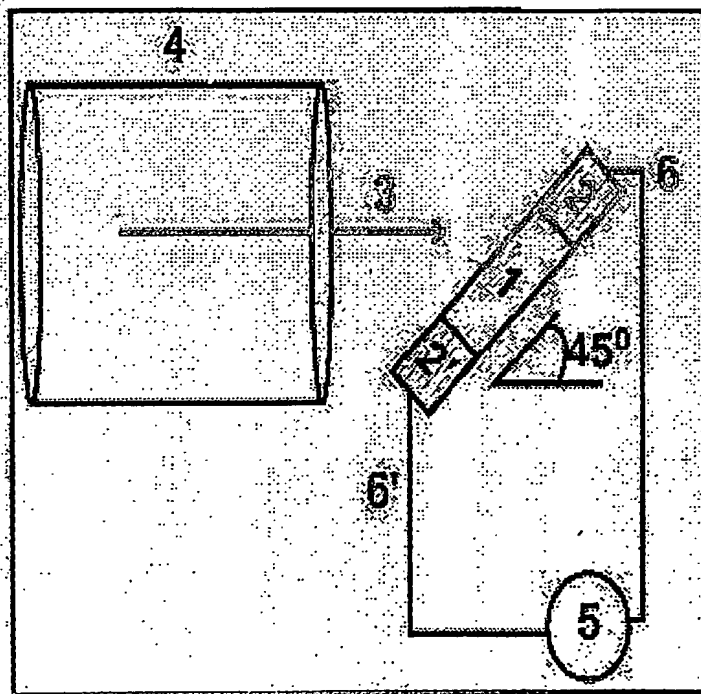


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(57) Abstract: The present invention relates to a method for energy conversion by gas flow over solid materials and also to a method for measurement of velocity of a gas flow over solid material such as doped semiconductors, graphite, and the like as a function of the 5 electricity generated in the solid material due to the flow of the gas along the surface thereof using a combination of the Seebeck effect and Bernoulli's principle.

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